# S 3348

# SPLIT AIR CONDITIONER

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## Product data sheet

| | | |
|---|---|---|
| Brand name | | Zibro |
| Model | | S3348 |
| Sound power level indoor | dB(A) | 55 |
| Sound power level outdoor | dB(A) | 62 |
| Refrigerant GWP | Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times thigher than 1 kg of $CO_2$, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. | 1975 |
| SEER[1] / energy efficiency class average season[1] | | 6.6 / A++ |
| Indicative annual electricity consumption during cooling season (Qce) | kWh/a | 315 |
| Design load (capacity) in cooling mode | Pdesignc kW | 4.9 |
| SCOP [1] / energy efficiency class | | 3.8 / A |
| Indicative annual electricity consumption during average heating season (Qhe) | kWh/a | 1808 |
| Declared suitable regions (W/A/C) | | W / A / C |
| Design load (capacity) in heating mode | Pdesignh kW | 4.8 |
| Declared capacity at reference design condition (heating average season) | kW | 3.72 |
| Back up capacity at reference design condition (heating average season) | kW | 1.18 |

## Product specifications

| | |
|---|---|
| Colour | Zibro white |
| EAN code indoor unit | 8713508767413 |
| EAN code outdoor unit | 8713508767420 |

## Technical specifications

| | | Cooling | Heating |
|---|---|---|---|
| Capacity min - max | kW | 1.5 - 6.0 | 1.5 - 6.3 |
| Power consumption (nom.) | kW | 1.54 | 1.41 |
| Power supply | V/Hz/Ph | 230~ / 50 / 1 | |
| Current (max) | A | 11.5 | |
| Air flow (min-max.)[2] | $m^3/h$ | 390 / 635 / 660 | |
| For rooms up to[2] | $m^3$ | 125 - 145 | |
| Dehumidification capacity[3] | L/24 h | 41 | |
| Operating range | °C | 0 - 50 | -15 - 30 |
| Thermostatic range | °C | 17 - 30 | |
| Sound pressure level indoor | dB(A) | 31 - 41 | |
| Sound pressure level outdoor | dB(A) | 59 | |
| Fan speed | | 3 positions | |
| Control | | electronic / remote | |
| Air filter | type | Screen/active carbon/3M HAF | |
| Refrigerant type / charge[4] | R / gr | R410A / 1250 | |
| Refrigerant GWP[5] | | 1975 | |
| Max. length refr. pipe between in- / outdoor unit[5] | m | 20 | |
| Max. diff. in height between in- / outdoor unit | m | 8 | |
| Diameter for connection | Liquid side ø mm | 6.35 (1/4) | |
| | Gas side ø mm | 12.7 (1/2) | |
| Dimensions indoor (w x h x d) | mm | 940x275x205 | |
| Dimensions outdoor (w x h x d) | mm | 760x590x285 | |
| Compressor type | | rotary / GMCC | |
| Protection class indoor | IP | IP 20 | |
| Protection class outdoor | IP | IP 24 | |
| Weight indoor | kg | 9 | |
| Weight outdoor | kg | 35 | |
| Guarantee[6] | years | 4 | |

[1] *Measured conform EN 14825 / EN 14511-2011*

[2] *To be used as indication*

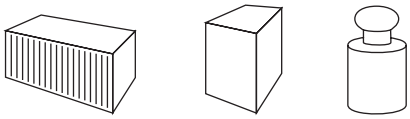
[3] *Moisture removal at 32°C, 80% RH*

[4] *Precharge sufficient for max 5 meters piping*

[5] *When over 5 mtrs additional refrigerant is needed, check manual*

[6] *4 years on compressor, 2 years on other components*

guarantee 4 YEARS



| | | |
|---|---|---|
| 20 ft = 96 | W x D x H = | Gross = |
| 40 ft = 197 | in: 1015x350x265mm | 12 kg/ |
| HQ = 231 | out: 887x645x355mm | 37 kg |

## Accessories

| | |
|---|---|
| Remote control (ABS 10FP) | 8713508752587 |
| Remote control holder | |
| 2 pcs. AAA batteries | |
| 4 metres drainage tube | |
| User manual | |
| Installation manual | |

## Most important spare parts

| Spare part description | EAN Code |
|---|---|
| | |
| | |
| | |
| | |

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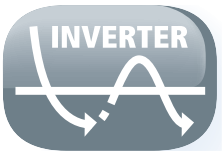
home made climates

# S 3348 SPLIT AIR CONDITIONER

*3 functions in 1*




*Inverter technology*

*Extra frost protection in outdoor unit*

*Anti-corrosion treatment*

*Home freezing prevention*

*Environmental friendly refrigerant*

*3-layer filter*

*Remote control with LCD-display*

## Features

**Cooling + dehumidifying + heating (heat pump):** The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air.

**Air conditioning:** In COOLING mode the unit produces a pleasant and refreshing cool airflow.

**Heating:** In HEATING mode the unit produces a warm and comfortable airflow. Because also the free of charge energy from the outdoor air is used to increase the efficiency of the system.

**Dehumidifying:** In DRY mode the unit dehumidifies the air in the room as efficient as possible. Note: In COOLING mode the air is also dehumidified.

**Inverter technology:** maximum comfort: The Zibro DC Inverter Wall Mounted Split air conditioner continuously adjusts the cooling and heating capacity according the desired room temperature. When the desired temperature is reached, the compressor speed is gradually decreased to maintain the room temperature with a minimum of variation. By varying gradually the compressor capacity, the expected lifetime as well as the experienced comfort level will increase. Looking at the experienced comfort level for the user of the inverter system: Non-inverter air conditioners, which operate at a constant speed, must turn on/off the compressor to control the room temperature causing less comfortable temperature fluctuations.

**Inverter technology: minimum energy consumption**: The compressor starts to slow down as the room temperature reaches the desired temperature. As a result, the over all power consumption is reduced significantly (up to 35% less than non inverter/ conventional types).

**EXTRA: frost protection in outdoor unit:** The outdoor unit is provided with a PTC heating cable. When the system is working as a heater in the wintertime the PTC heating cable will keep the drip pan in the outdoor unit clear of ice, making sure the condensate water can reach the drain point. Furthermore also the compressor crankcase is provided with a heating cable. Ensuring the unit can perform and start up at extreme wheather conditions.

**EXTRA: anti-corrosion treatment in outdoor unit:** The Zibro Golden Fin corrosion treatment on the outdoor condenser heat exchanger improves the heating efficiency and accelerates the defrosting process. The unique anti corrosive Golden Fin coating can withstand salty air and rain in a superb way resulting in a longer expected lifetime of the condenser.

**EXTRA: Home Freezing prevention Button:** Upon pressing this button the unit will go into the freezing prevention mode. The unit will overrule the indoor temperature setting and set it to approx 8-10°C. In this way preventing your home from freezing during cold periods at the lowest possible energy consumption. When this mode is selected the indoor unit display will show "FP". This button can only be operated in heating mode.

**Environment friendly refrigerant R410A:** The most preferred and environmental friendly refrigerant R410a is used in the air conditioner.

**Turbo mode:** With the Turbo mode the air conditioner will reach the preset temperature in the shortest possible time.

**3-layer air filter:** The air conditioner is equipped with a 3 layer filter package to clean the circulated room air. The 3M™ HAF air filter delivered together with this unit captures allergens like bacteria, dust and pollen from the circulated air with an efficiency up to 80%. Pollen are well known as an important stimulus for hay-fever allergy. The active carbon filter removes unpleasant odours from the air and the screen filter captures large dust particles. The screen filter can be cleaned with a vacuum cleaner and/or lukewarm water. Per season 2 to 3, 3M™ HAF and active carbon filters will be used. These filters are available in a consumer package (including 1 3M™ HAF and 1 active carbon filter).

**Remote control with LCD screen:** The unit can be operated with an easy to handle remote control including LCD-display. Using the remote control the air conditioner can be operated up to a distance of approx. 8 metres.

**Remote control holder:** The remote control can be placed in the wall mounted remote control holder which is delivered together with the unit.

**Adjustable airflow:** The up-down airflow can be automatically changed by using the SWING mode. The left-right airflow can be changed manually.

**Sleep Mode:** This function enables the air conditioner to increase (cooling) or decrease (heating) automatically 1°C per hour for the first two hours and then maintain the same temperature for five hours after which the air conditioner will stop operating automatically. It maintains the most comfortable temperature and saves energy at the same time.

**Fan speed setting:** Select with FAN speed button: Automatic, Low, Medium or High. The LCD display on the remote control will show the chosen speed.

**Automatic operation:** The air conditioning system can be set to automatic operation for the most suitable MODE: Cooling, Dehumidifying or Heating, monitoring the indoor temperature.

**Auto restart function:** If there is any power failure during operation, the operation status before power failure is memorised and the unit starts operating automatically after power recovery.

**Timer:** Use TIMER or set a working time between 30 minutes and 24 hours. The preset time appears in the display of the remote control. The unit switches ON or OFF automatically when this time is passed.

**Standby mode:** This energy saving feature enables the unit to stay in standby mode (only 1 W energy consumption).

**Full colour box:** The unit is delivered completely with all auxiliary parts in a full colour box showing application and operation information in multiple languages.